

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13AJ		Page 1 of 6
Title: Commodity Specific Requirements for Sweet Potatoes		
Revision: Original	Replaces: N/A	Effective: 01/01/03

1. Purpose:

To provide a listing of PDP identified required compounds for sweet potatoes.

2. Scope:

This standard operating procedure (SOP) shall be followed by all laboratories analyzing sweet potatoes for PDP. This SOP shall be used in conjunction with QC-13 which specifies procedures for selecting marker compounds and process controls and identifies PDP commodity groupings.

3. References:

- ? PDP Program Plan, January – June 2003
- ? SOP PDP-QC-13, “Required Compounds, Marker Pesticides, Process Control Compounds, and PDP Commodity Groupings”
- ? Pesticide Chemical News Guide (PCNG), September 1, 2002
- ? PDP Federal/State Meeting, October 22-23, 2002

4. Specific Procedures:

This SOP represents minimum PDP requirements and is presented as a general guideline. Each laboratory shall have written procedures that provide specific details concerning how the procedure has been implemented in that laboratory.

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13AJ		Page 2 of 6
Title: Commodity Specific Requirements for Sweet Potatoes		
Revision: Original	Replaces: N/A	Effective: 01/01/03

Compounds Required for Sweet Potatoes Multi-residue Screens

Sweet Potato Compound	Reported As	Group	Pest Code
2,4-D ¹			026
Aldicarb		14	167
Aldicarb sulfone		14	168
Aldicarb sulfoxide		14	169
Aldrin		5	001
Azoxystrobin ¹			ACX
Benomyl ¹			192
BHC ¹	BHC alpha	5	903
	And BHC beta		904
	Or BHC (total combined)		006
Bifenthrin		8	930
Carbaryl		14	102
Chlordane ¹	Chlordane cis	5	173
	And chlordane trans		172
	Or chlordane (total combined)		014
Chlorpyrifos		11	160
Clethodim ¹			
Clomazone		17	719
DCPA		3	134
DDE	DDE p,p'	3	911
	Or DDE o,p'		910
	Or DDE (total combined)		300
Diazinon		11	024
Diazinon O-analog		13	395
Dicloran		7	144
Dieldrin		5	028

¹ Required only on samples received by MI1 from CO, FL, MI, NY, OH, TX, WA, and WI. Analysis by CA1 on samples received from CA and MD is not required.

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13AJ		Page 3 of 6
Title: Commodity Specific Requirements for Sweet Potatoes		
Revision: Original	Replaces: N/A	Effective: 01/01/03

Sweet Potato Compound	Reported As	Group	Pest Code
Diphenamid		2	330
Endosulfan I		5	900
Endosulfan II		5	901
Endosulfan sulfate		5	902
Endrin		5	034
EPTC ¹			200
Ethoprop		11	175
Fluazifop ¹			
Fludioxonil		10	B23
Fluridone		17	736
Fonofos		11	163
Imidacloprid ¹		single	967
Lindane		5	050
Malathion		11	052
Malathion O-analog		13	208
Metalaxyl		18	607
Methomyl		14	159
Methoxychlor	Methoxychlor p,p'	3	275
	Or Methoxychlor (total combined)		055
Myclobutanil		4	679
Napropamide		2	594
o-Phenylphenol		3	083
Oxadixyl		18	A46
Oxamyl		14	537
Parathion		11	065
Parathion O-analog		13	370
Phosmet		11	165
Piperonyl butoxide		10	070
Pymetrozine ¹			ABF
Pyrethrins ¹			
Sethoxydim			

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13AJ		Page 4 of 6
Title: Commodity Specific Requirements for Sweet Potatoes		
Revision: Original	Replaces: N/A	Effective: 01/01/03

Sweet Potato Compound	Reported As	Group	Pest Code
Spinosad ¹	Spinosad A		ABC
	And Spinosad D		ABD
	Or Spinosad (total combined)		ABB
		single	ABG
Tebufenozide		4	157
Thiabendazole			
Thiamethoxam ¹			
Trifluralin		7	151
Vernolate		15	201

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13AJ		Page 5 of 6
Title: Commodity Specific Requirements for Sweet Potatoes		
Revision: Original	Replaces: N/A	Effective: 01/01/03

Alfredo O. Fontanilla

12/19/02

Reviewed By: Alfredo O. Fontanilla
Presiding Member of PDP QA Committee
Washington State Department of Agriculture
21 North 1st Avenue, Suite 106
Yakima, WA 98902
(509) 225-2623

Date

Diana Haynes

12/16/02

Reviewed By: Diana Haynes
Quality Assurance Officer, Monitoring Programs Office
8609 Sudley Road, Suite 206
Manassas, VA 20110
(703) 330-2300

Date

Martha Lamont

12/16/02

Approved By: Martha Lamont
Director, Monitoring Programs Office
8609 Sudley Road, Suite 206
Manassas, VA 20110
(703) 330-2300

Date

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13AJ		Page 6 of 6
Title: Commodity Specific Requirements for Sweet Potatoes		
Revision: Original	Replaces: N/A	Effective: 01/01/03

Original

October 2002

Monitoring Programs Office

- ? Established list of required compounds based on current registrations
- ? Removed diquat, glyphosate, inorganic bromides, phosphine, and sulfosate